



ADVANCING THE TECHNICAL DEVELOPMENT, PRODUCTION, PROCESSING AND APPLICATION OF IRON AND STEEL

AIST Fall Meeting Notice / Agenda Hot Sheet Rolling Technology Committee

Date: Wednesday 18-September ~ Thursday 19-September-2024
Location: Missouri University of Science and Technology – Rolla, MO 65409

Arrangements

Fairfield Inn & Suites Rolla

1670 Old Wire Outer Road

Rolla, MO 65401

Reserve by 20 August for AIST Room Rate of \$129

For reservations, book [online](#).

AIST technology committee members are asked to print out the latest revised meeting agenda from our website one week prior to this meeting.

Wednesday 18-September-2024

**Location: Missouri University of Science and Technology
McNutt Hall, Room #249, 1400 N. Bishop Ave.
Rolla, MO 65409**

1. *Chair's opening remarks – Ray Young* *2:30 pm CDT*
2. *Discussion items*
 - a. Committee presentations
 - i. Ray Young “From two viewpoints, producer & supplier aspects of the steel industry technology”
 - ii. Jorge Fernandez “Observations from Mexico with Commercial aspects”
 - iii. Kevin Skero “Metallurgical experiences from a producer-focused Career Path”
 - b. Current Academic Research
 - i. Dr. Mario Buchely “Introduction to [The Peaslee Steel Manufacturing Research Center \(PSMRC\)](#)”
 - ii. AIST presentations
 1. [“Improved Monitoring of the Water-Cooled Upper Shell of an Electric Arc Furnace Using Fiber-Optic Sensors”](#)
 2. “Different types of steels for the military and an inside look at Pilot Scale processing capabilities on campus” – Dr. Laura N. Bartlett
 3. [“Dynamic Recrystallization Behavior of Ni-Containing, Austenite-Based Fe-Mn-Al-C Steels”](#) Advanced High Strength Steel Conference – Vale, CO June 2023
 - c. “An introduction to AIST for students”-Courtney Young, AIST Staff member
3. *Student / Industry evening with Pizza, [Material Advantage](#) & [American Foundry Society](#) Joint Chapter mixer* *5:00 pm CDT*



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Thursday 19-September-2024

**Location: Missouri University of Science and Technology McNutt Hall, Room
#249, 1400 N. Bishop Ave.
Rolla, MO 65409**

1. *Chair's opening remarks – Ray Young* *9:00 am CDT*
2. *Appoint minute-taker*
3. *Antitrust guidelines*
4. *Membership and attendance*
5. *Review minutes of previous meeting [7 May • Columbus, OH](#)*
6. *AIST Staff Announcements*
7. *Steel Industry Fatalities*
8. *Main agenda items*
 - *AISTech session development – Kevin Skero*
 - *Selection of Abstracts (Due by 16 Sept) – (Handle via conference call if necessary)*
 - *Determine session structure (Due by 28 Oct) including session titles & session chairs*
 - *Review Papers Chair and Session Chair instructions*
 - *Solicit volunteers for Session Chairs*
 - *Finalize AISTech call for papers for next year, the current [PROGRAM TOPIC reads](#) ♦ HOT SHEET ROLLING “Process and Technology Development including Heating and Thermal Control Strategies, Advances in Mill Equipment and Design, and Innovations in Rolling Techniques. Process Modeling and Simulation including automation and control of rolling mills and predictive models for microstructure and mechanical properties. Strip Quality including scale formation and control, strip shape, coil package, and characterization and mitigation of defects. Applications and Performance of Hot Rolled Products including post-processing effects on properties (e.g., heat treatment, cold rolling) and applications in automotive, construction, and energy sectors. Industry Case Studies and Best Practices for Safety, Quality, Environmental, or Process improvement.”*

BREAK

10:30 am CDT

- *Technology committee Best Paper award planning – Jorge Fernandez*
- *Finalize committee roundup – David Rosburg*
- *Technology Training conference – Nancy Hake*



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LUNCH

Noon

9. The Peaslee Steel Mfg. Research Center (PSMRC) Lab Tours 1:00 pm CDT

a. "Metallurgy and Casting" – Dr. Laura N. Bartlett and Dr. Mario Buchely

b. "Reheating and Rolling" – Dr. Laura N. Bartlett and Dr. Mario Buchely

10. Next meeting – early Feb 2025 T.B.D.

11. Chair conclusion

12. Adjourn

3:00 pm CDT



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Antitrust Compliance

Antitrust law prohibits agreements or understandings between two or more individuals or businesses to regulate prices or quantities of goods and services, to allocate customers or territories, to hinder or limit a competitor or potential competitor's operations, or otherwise unreasonably restrain business activity. Discriminatory pricing or servicing is also prohibited.

Every individual who participates in AIST meetings and activities should follow these guidelines:

- DON'T discuss with other members your own or competitors' prices, pricing procedures, or anything that might affect prices such as costs, discounts, terms of sale, or profit margins, or anticipated wage rates.
- DON'T make announcements or statements about your own prices or those of competitors.
- DON'T talk about what individual companies plan to do in particular markets or with particular customers.
- DON'T disclose to others any competitively sensitive information.
- DON'T propose or agree to any action intended to disadvantage or injure another company.
- DON'T stay at a meeting or activity where any such anti-competitive talk occurs.
- DO have an AIST staff person present at any meetings and insist on the agenda being followed and minutes kept.
- DO confer with AIST staff before making any statement with competitive ramifications.

It is incumbent upon all AIST members to adhere to these guidelines to avoid putting all parties and their respective companies at risk for antitrust law violation.

Anti-Harassment Policy

The Association for Iron and Steel Technology (AIST) is dedicated to providing harassment-free events for everyone, regardless of age, race, religion, disability, gender, gender identity or sexual orientation. We do not tolerate harassment in any form of anyone attending an AIST event.

Harassing behaviors include: offensive verbal comments related to age, race, religion, disability, gender, gender identity or sexual orientation; the use or display of sexual images, activities or commentary in public spaces; deliberate intimidation; stalking or following; harassing photography or recording; sustained disruption of events; or inappropriate physical contact.

Participants asked to stop any harassing behavior are expected to comply immediately. Participants violating this policy may be sanctioned or expelled from the event or the membership at the discretion of the AIST leadership.